

INTERNATIONAL SEARCH REPORT

Int. Application No.
PCT/03/01290

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G11B7/24 G11B7/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category ° Citation of document, with indication, where appropriate, of the relevant passages

Relevant to claim No.

P, X	WO 03 009281 A (IMATION CORP) 30 January 2003 (2003-01-30) page 2, line 25 -page 3, line 23 page 13, line 2 -page 13, line 30 abstract; figures 8-11	1, 2, 4, 7
X	EP 1 162 613 A (TDK CORP) 12 December 2001 (2001-12-12) column 11, line 22 -column 1, line 37 column 22, line 46 -column 22, line 58 column 23, line 53 -column 26, line 42	1-3
X	EP 1 178 478 A (TDK CORP) 6 February 2002 (2002-02-06) column 1, line 19 -column 1, line 34 column 14, line 7 -column 14, line 19 column 15, line 15 -column 18, line 3	1-3
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

17 July 2003

Date of mailing of the international search report

25/07/2003

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 726 970 A (KANEKO MASAHICO ET AL) 10 March 1998 (1998-03-10) abstract; figures 1,2 column 3, line 31 -column 5, line 53	1-3
A	US 2002/018870 A1 (BORG HERMANUS JOHANNES ET AL) 14 February 2002 (2002-02-14) abstract	1-3
A	EP 0 613 127 A (DIGITAL EQUIPMENT CORP) 31 August 1994 (1994-08-31) abstract; figure 6 column 15, line 27 -column 15, line 47	1-3

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 03009281	A	30-01-2003	US WO 2003011087 A1 03009281 A2	16-01-2003 30-01-2003
EP 1162613	A	12-12-2001	JP EP US 2002063736 A 1162613 A2 2001053118 A1	28-02-2002 12-12-2001 20-12-2001
EP 1178478	A	06-02-2002	JP EP US 2002050080 A 1178478 A2 2002018438 A1	15-02-2002 06-02-2002 14-02-2002
US 5726970	A	10-03-1998	JP 8255374 A	01-10-1996
US 2002018870	A1	14-02-2002	CN WO EP 1388962 T 0205274 A1 1208565 A1	01-01-2003 17-01-2002 29-05-2002
EP 0613127	A	31-08-1994	US DE DE EP JP 5470627 A 69419632 D1 69419632 T2 0613127 A1 6295482 A	28-11-1995 02-09-1999 09-03-2000 31-08-1994 21-10-1994